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first and second ink bags each comprising a bag main body storing ink and an outlet through which the ink can be discharged from the bag main body, the first and second ink bags being housed by the first case and the second case,

wherein when the first case and the second case are joined, the outlets of the first and second ink bags are pressed against each other by the first case and the second case.

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23. The ink cartridge as claimed in claim 22, wherein the first case comprises a bottom plate portion and a side plate portion with an opening on a top thereof for housing the first and second ink bags, and the second case covers the opening of the first case.

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24. The ink cartridge as claimed in claim 23, further comprises a partition plate attached to a predetermined position of the first case, said partition plate separating compartments housing the first ink bag and the second ink bag respectively.

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25. The ink cartridge as claimed in claim 24, wherein the partition plate is detachable in a direction substantially perpendicular to the bottom plate portion along the side plate portion, and wherein each of the first case and the second case comprises a partition plate clamp face such that the partition plate is clamped by the partition plate clamp faces for defining the position of the partition plate.

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26. The ink cartridge as claimed in claim 23, further comprises a waste-ink holding member for storing waste ink poured therein from the outside thereof, said waste-ink holding member attached to the second case.

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27. The ink cartridge as claimed in claim 23, wherein each of the first case and the second case comprises an ink outlet clamp face such that the ink outlets is clamped by

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the first and second detection projections differ from each other at least in shape or color.

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31. The ink cartridge as claimed in claim 30, wherein the first ink cartridge includes a waste-ink holding member.

32. The ink cartridge as claimed in claim 30, wherein the joint mechanism has snap-fit parts formed in a side portion of the first ink cartridge and in a side portion of the second ink cartridge.

33. The ink cartridge as claimed in claim 30, wherein the second ink cartridge comprises a recess into which the first ink cartridge can be fitted in the thickness direction.

34. The ink cartridge as claimed in claim 33, wherein the first ink bag has a first detection plate moved in a thickness direction of the first bag main body in response to the amount of ink remaining in the first bag main body, and the second ink bag has a second detection plate moved in a thickness direction of the second bag main body in response to the amount of ink remaining in the second bag main body,

wherein first and second detection projections are extended in the thickness direction of the first and second bag main bodies from side margins of the first and second detection plates, and have tips projected from the rear of the second ink cartridge as the amounts of ink remaining in the first and second ink bags decrease, and

further wherein the first and second detection projections differ from each other at least in shape or color.

35. The ink cartridge as claimed in claim 34, wherein the first ink cartridge is formed in a side portion with a protection guide surrounding the first detection projection.

36. The ink cartridge as claimed in claim 29, wherein the first and second detection plates are put on surfaces of the bag main bodies of the first and second ink bags, and the plane form of each detection plate overlapping the corresponding bag main body is rectangular,

wherein the width dimension of each detection plate, measured in a direction along the side where the ink outlets of the first and second ink bags are attached, is a value within the range of 0.5 to 1.0 times the width dimension of the corresponding ink bag measured in the direction along the side where the ink outlets of the first and second ink bags are attached, and

further wherein the length dimension of each detection plate is a value within the range of 0.4 to 0.8 times the length dimension of each ink bag.

37. The ink cartridge as claimed in claim 34, wherein the first and second detection plates are put on surfaces of the bag main bodies of the first and second ink bags, and the plane form of each detection plate overlapping the corresponding bag main body is rectangular,

wherein the width dimension of each detection plate, measured in a direction along the side where the ink outlets of the first and second ink bags are attached, is a value within the range of 0.5 to 1.0 times the width dimension of the corresponding ink bag measured in the direction along the side where the ink outlets of the first and second ink bags are attached, and

further wherein the length dimension of each detection plate is a value within the range of 0.4 to 0.8 times the length dimension of each ink bag.

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38. The ink cartridge as claimed in claim 36, wherein the ratio between: (i) the ratio between the width dimensions of the first and second detection plates and the width dimensions of the bag main bodies of the first and second ink bags; and (ii) the ratio between the length dimension of each detection plate and the length dimension of the bag main body of each ink bag, is within the range of 0.8 to 1.2.

39. The ink cartridge as claimed in claim 37, wherein the ratio between: (i) the ratio between the width dimensions of the first and second detection plates and the width dimensions of the bag main bodies of the first and second ink bags; and (ii) the ratio between the length dimension of each detection plate and the length dimension of the bag main body of each ink bag, is within the range of 0.8 to 1.2.

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40. An ink cartridge comprising:
a plurality of ink cartridges including a first ink cartridge for housing a first ink bag storing first ink, and a second ink cartridge for housing a second ink bag storing second ink of a different color than the first ink, the ink cartridges being detachably joined by a joint mechanism.

41. An ink jet printer comprising:
an ink cartridge having a plurality of ink cartridges including at least a first ink cartridge for housing a first ink bag storing first ink, and a second ink cartridge for housing a second ink bag storing second ink of a different color than the first ink, wherein one of said first and second ink cartridges further includes a waste-ink holding member for storing waste ink poured therein from the outside thereof, the plurality of ink